OTPE 2005 W

501.43495X00

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): A. SHIMADA, et al

Serial No.: 10/771,455

Filed: February 5, 2004

For: DISK ARRAY APPARATUS AND CONTROL METHOD FOR DISK

ARRAY APPARATUS

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97 & 1.98

## **MS Amendment**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 March 14, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (501.43495X00) please credit any excess fees to such deposit account.

Respectfully submitted,

Carl J. Brundidge

CIB/jdc (703) 684-1120 Registration No. 29,621

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

| Commerce Patent and Trademark Office  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)  U.S. PATENT DOCUMENTS  EXAMINER INITIAL  DOCUMENT NUMBER  ATTI-DOCKET NO.  501.43495X00  APPLICANT A. SHIMADA, et al  FILING DATE February 5, 2004 |                | <b>10/771,455</b> GROUP |                         |              |  |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)  U.S. PATENT DOCUMENTS  EXAMINER  |                | GROUP                   |                         |              |  |
| (Use several sheets if necessary)  FILING DATE February 5, 2004  U.S. PATENT DOCUMENTS   |                | GROUP                   |                         | _            |  |
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| FOREIGN PATENT DOCUMENTS   |                | T:                      |                         |              |  |
| DOCUMENT NUMBER DATE COUNTRY   | CLASS SUBCLASS | SUBCLASS                | ABSTRACT<br>YES         |              |  |
| 1 2 3 7 0 8 7 A 9/02 European  |                |                         |                         |              |  |
| 1 0 0 1 1 2 2 8 1/98 Japan   |                |                         | xx                      |              |  |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pa   | ages, E        | tc.)                    |                         | _            |  |
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(Form PTO-1449 [6-4])

considered. Include copy of this form with next communication to applicant.

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not